

US EPA ARCHIVE DOCUMENT

IRB/ISS PRECAUTIONARY LABEL REVIEW

PM: 15

EPA REG NO: 475-~~17A~~

~~228~~ 475-ETT

OUT: 05-24-88

COM: RL

IN PLR: 05-09-88

DUE: 06-09-88

AC: 175

RN: 220366

PRODUCT NAME: BLACK FLAG ROACH CONTROL
SYSTEM II

COMPANY NAME: BOYLE-MIDWAY HOUSEHOLD PRODUCTS, INC.
SOUTH AVENUE AND HALE STREET
CRANFORD, NJ. 07016

FORMULATION: ABAMECTIN 0.075%
INERT INGREDIENTS 99.925%

INTRODUCTION

New product registration, new use.

USES

For use in homes to control roaches, palmetto bugs and water bugs. Pesticide is contained in a child resistant bait station.

SUBMITTED DATA

Acute toxicity data and proposed product labeling.

CONCLUSIONS

1. Submitted studies were reviewed and the product was assigned the following categories.

STUDY TYPE	CORE CLASS	TOX CAT	MBID#
Acute Oral	Minimum	IV	405889-02
Acute Dermal	Minimum	III	-03
Acute Inhalation	Not Submitted		
Eye Irritation	Guideline	IV	405889-02
Skin Irritation	Guideline	IV	405889-02
D. Sensitization	Not Submitted		

2. Acute Inhalation and Dermal Sensitization are not required.

3. Product Labelling is acceptable.

TEST FORMULATION: BLACK FLAG ROACH CONTROL SYSTEM II

TEST LABORATORY: CONSUMER PRODUCT TESTING
1275 BLOOMFIELD AVENUE
FAIRFIELD, NJ. 07006

STUDY SUMMARIES

1. ACUTE ORAL LD50

MRID# 405889-02

Study Number 88107

Study Completed: 04-04-88

Health Assessment Guideline (81-1)

Deviations from Guideline: None

LEVELS TESTED: 5M & 5F Wistar, barrier-reared rats (212-240 gms):
5.0 g/kg test material suspended in corn oil (25% gravimetric
suspension). Oral gavage. 14 day observation period.

TOXIC SIGNS: Mucoid diarrhea.

NECROPSY: No data provided.

LD50 MALES: > 5.0 g/kg 0% Mortality

FEMALES: > 5.0 g/kg 0% Mortality

COMBINED: N/A

CORE CLASSIFICATION: MINIMUM

TOXICITY CATEGORY: IV

2. ACUTE DERMAL LD50 *

MRID# 405889-03

Study Number 801173

Study Completed: 02-23-88

Health Assessment Guideline (81-2)

Deviations from Guidelines: None

LEVELS TESTED: 5M & 5F NZ White rabbits (2.0-2.5 kg): 2.0 GM/KG
undiluted paste. Applied to shaved intact skin sites. 24-H
dermal occluded exposure. 14 day observation period. Following
24-H exposure any residual test material was removed.

TOXIC SIGNS: Slight edema in all test animals and (8/10) elicit
slight erythema, clearing by day 2 in all.

NECROPSY: Unremarkable.

LD50 MALES: > 2.0 GM/KG 0% MORTALITY

FEMALES: > 2.0 GM/KG 0% MORTALITY

COMBINED N/A

CORE CLASSIFICATION: MINIMUM

TOXICITY CATEGORY: III

* Performing laboratory: LEBERCO TESTING, INC.
123 HAWTHORNE STREET, ROSELLE PARK, NJ. 07068

3. EYE IRRITATION

Study Number

Health Assessment Guideline (81-4)

Deviations from Guideline: None

MRID# 405889-02

Study Completed: 04-04-88

LEVELS TESTED: 6 NZ White rabbits (1.5-2.0 kg): Received an single ocular application of 0.1 gm of test material instilled into one of each animal. Treated eyes were not rinsed and animals were observed for 3 days post instillation. Sodium Fluorescein was used prior following exposure.

OCULAR FINDINGS: 1-HR DAY-1 DAY-2 DAY-3 DAY-7 DAY-14
 corneal opacity None Exhibited
 iritis None Exhibited
 conjunctivae (6/6)1 (1/6)1 (1/6)1 clear

1-Redness (draize score 1)
 NOBS- No Observation recorded

CORE CLASSIFICATION: Guideline

TOXICITY CATEGORY: IV

4. DERMAL IRRITATION

Study Number 88107

Health Assessment (81-5)

Deviations from Guideline: None

MRID# 405889-02

Study Completed: 04-04-88

LEVELS TESTED: 6 NZ White rabbits (2.0 kg): 0.5 gms undiluted clipped intact skin sites. 4-H semi-occluded dermal exposure. 3-Day observation period.

DERMAL FINDINGS:

ERYTHEMA: (1/6) V SL at 24-H. Cleared by 72-H.

EDEMA: None elicited.

PDIS: 0.10

V SL- Very Slight
 W DF- Well Defined
 SL - Slight

CORE CLASSIFICATION: Guideline

TOXICITY CATEGORY: I